



RELEASE NOTES

CM-216 | Wide Dynamic Range Indoor Camera

INTRODUCTION

The CM-216 is a high resolution indoor analog camera that will replace the existing OpenEye CM-215 camera. The CM-216 camera has a clear 540 TVL resolution and an expanded wide dynamic range to allow for greater imaging sensitivity. The CM-216 is built in the same standard 200-series housing and continues to be compatible with all 200-series mounting options, and each CM-216 has the Quick Mount Adapter included standard. The CM-216 has improved features over the CM-215 including:

- Increased TVL from 504TVL to 540TVL
- Improved wide dynamic Range
- Improved low light performance

FEATURES

- 540TVL Resolution
- 3-Axis Gimbal for 360° positioning
- Dual Voltage Operation 12vDC/24vAC
- WDR
- Day/Night Operation
- Optically Correct Bubble
- Tamper Resistant Construction

MODELS

MODEL	DESCRIPTION
CM-216	Indoor Dome, 540TVL, 3.3~12mm, 12vDC/24vAC

SUPPORTING SOFTWARE

There is no specific software version required for these cameras. All OpenEye analog and hybrid recorders are compatible with the CM-216 camera.

WDR

WDR, or Wide Dynamic Range, is a function of the camera's DSP that allows the camera to balance light level in the camera better than other cameras. When viewing a high contrast image, the Pixim image sensor and Digital Imaging System capture the light level and help to balance it across the entire image, allowing unparalleled image quality.

Advances from the previous version of DSP include an expanded wide dynamic range for better light balancing, improved low light capability for less noise, and increased resolution for greater image quality.

COMPARISON

Camera Specification	CM-215	CM-216
Image Sensor	1/3" Pixim Orca	1/3" Pixim Seawolf
Imaging DSP	Pixim	Pixim Seawolf
Wide Dynamic Range	Yes	Yes (expanded)
Day/Night	Digital Day/Night Function	Digital Day/Night Function
Minimum Illumination	0.6 Lux @ F1.2 (50IRE)	0.6 Lux @ F1.4 (50IRE)
Resolution	504TVL	540TVL
Lens	3.3 ~ 12mm	3.3 ~ 12mm
Function Control	OSD Menu	OSD Menu

ADDITIONAL RESOURCES

Product Page

<http://www.openeye.net/products/cameras/camera-models/cm-216/>